WE CLAIM:

1. In an amphibious vehicle that generates hot exhaust gas, a system for reducing the infrared visibility of the vehicle when it is in a body of water, the system comprising:

means including a nozzle directed downward at and closely juxtaposed with a surface of the body of water for expelling the hot exhaust gas downward at the surface so as to form a water-droplet cloud, whereby the cloud cools the gas and masks the vehicle.

2. The system defined in claim 1 wherein the nozzle is set at an angle of at most 60° to vertical.

3. The system defined in claim 1, further comprising

means for mixing cool ambient air with the hot exhaust gas prior to expelling the hot exhaust gas from the nozzle.

4. The system defined in claim 1 wherein the mixing means includes an ejector.

5. The system defin d in claim 1 wh rein the nozzle forms a restriction such that the hot exhaust gas issues from it at high speed.